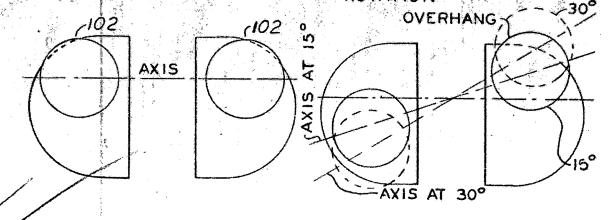


POSITION OF BEARING INSERTS AT 90°FLEXION WITH NO ROTATION

POSITION OF BEARING IN-SERTS AT 90 FLEXION WITH 15° AN 30° AXIAL ROTATION



SHEET 2 OF 21

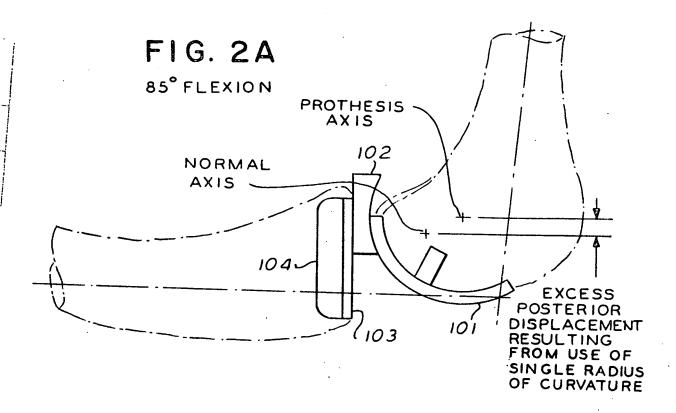


FIG. 2B
120° FLEXION

POSIBLE DISLOCATION MODES

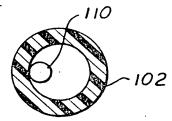
102

104

103
102
102
101

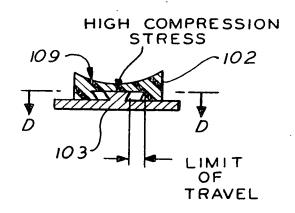
SHEET 3 OF 21 FIG. 4 SWING PHASE OF WALKING KNEE DISTRACTED INSERT FREE TO 1015 103 102 (104

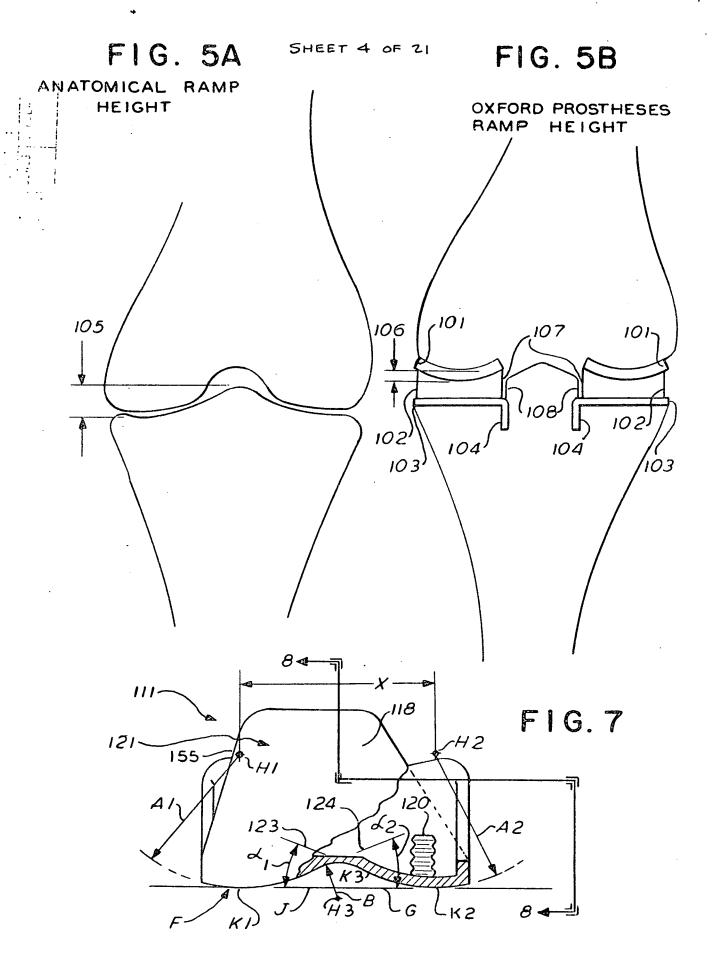
FIG. 6D

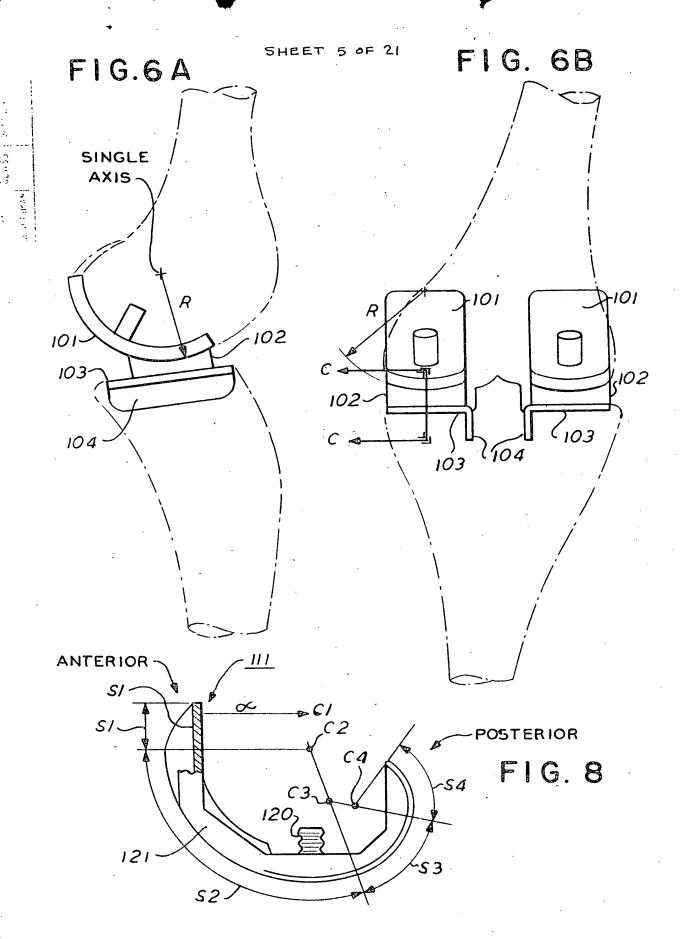


HIGH STRESS DUE TO HIGHLY INCONGRUENT CONTACT

FIG. 6C







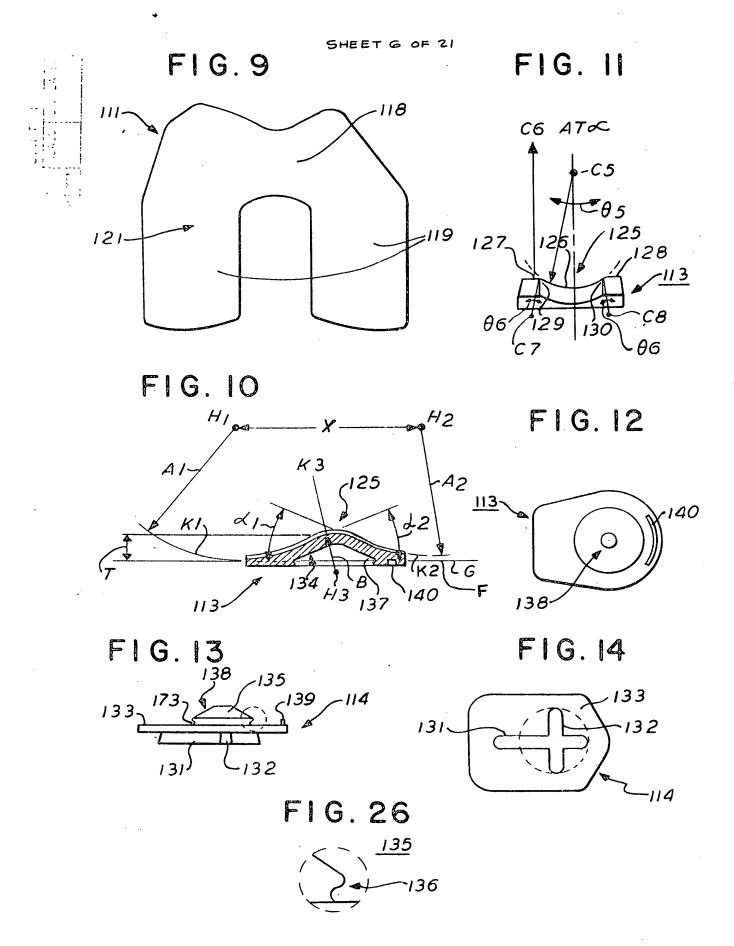
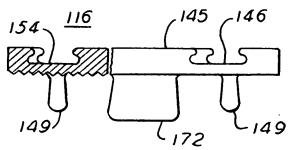
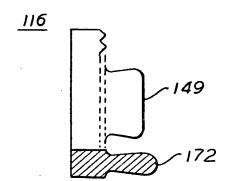


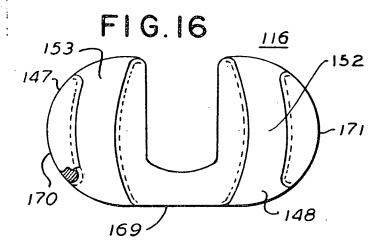
FIG. 15

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FIG.17







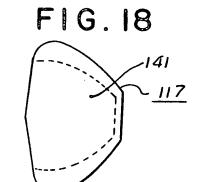
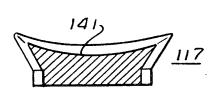


FIG. 19

142





144 FIG. 21

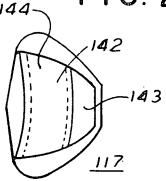
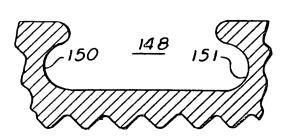


FIG. 34



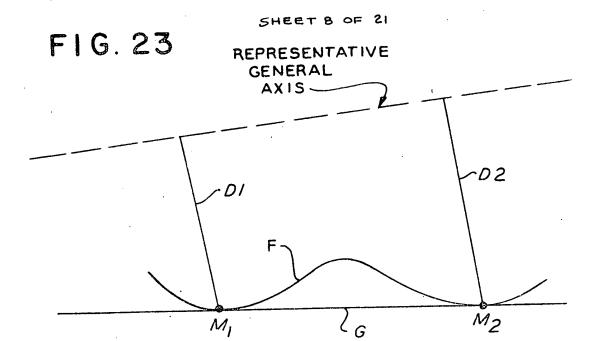
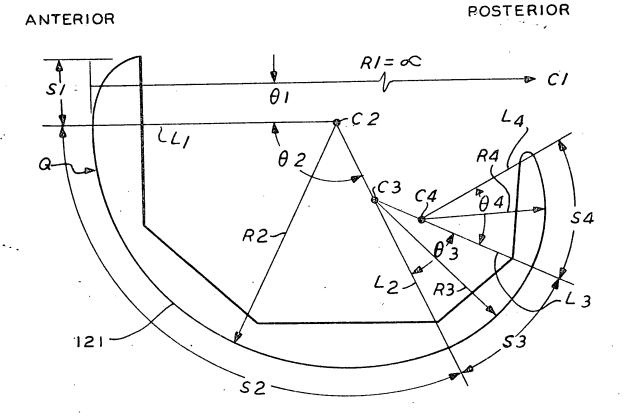
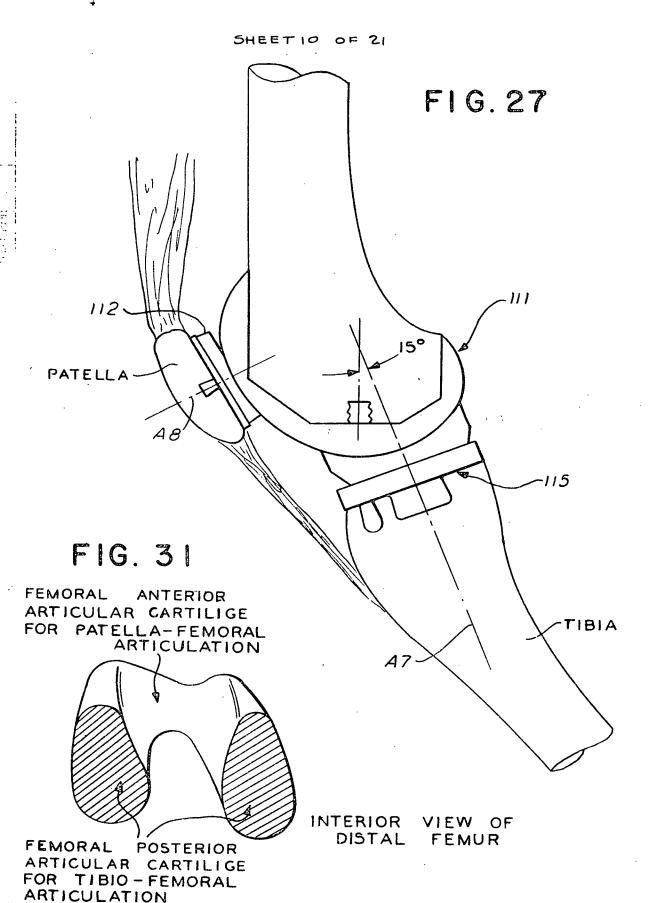


FIG. 22

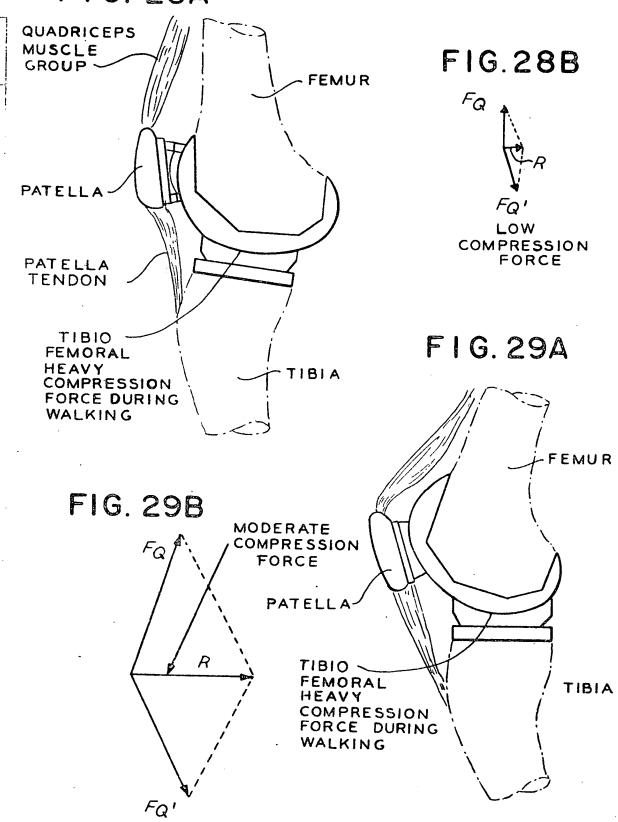


SHEET 9 OF 21 FIG. 25 FIG. 24 THIS END TENDS 131--133 132 127 133 112 COMPRESSION *-SI* LOAD IN FULL EXTENSION 113 128 THIS END 15 DEPRESSED



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FIG. 28A



SHEET 12 OF 21

FIG. 30A

FIG. 30B

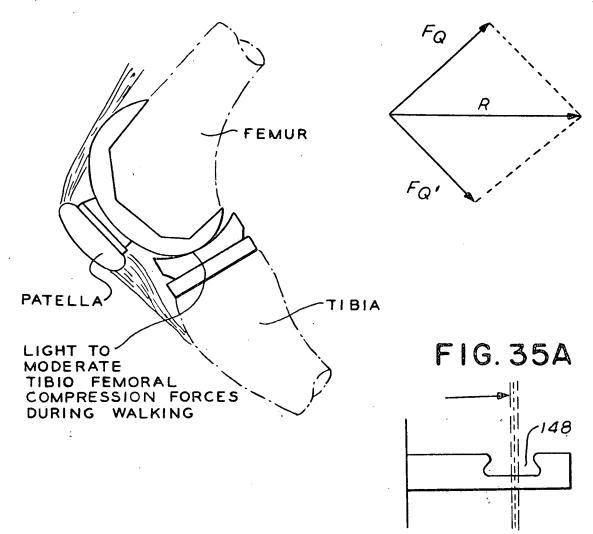
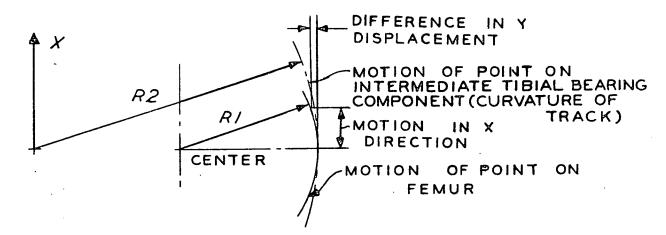


FIG.35B



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FIG. 32A

FIG. 32B

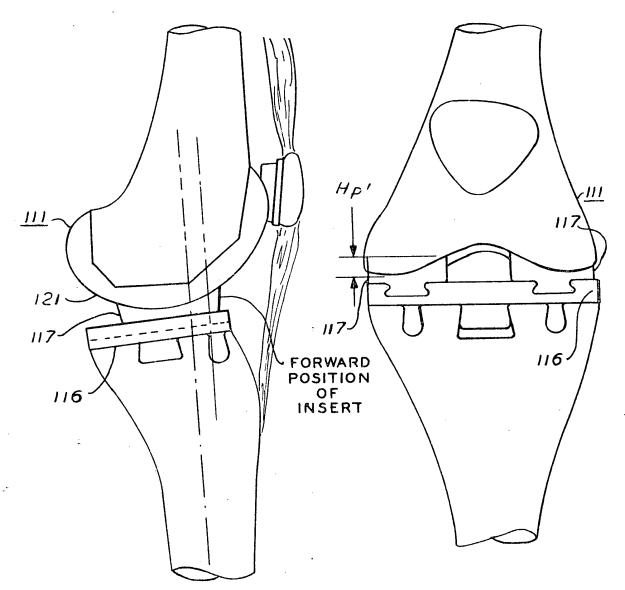
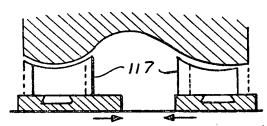
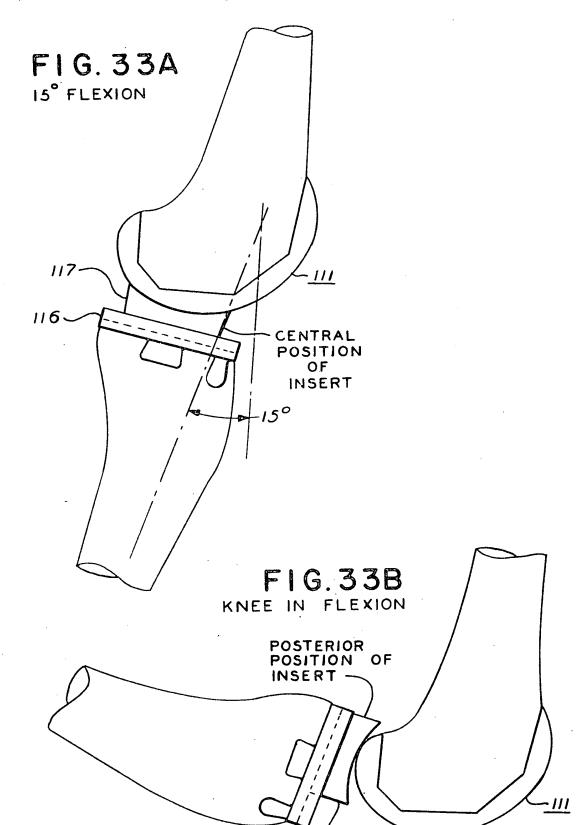


FIG. 36



INWARD MOTION OF SHIMS WHEN FEMUR MOVES POSTERIORLY

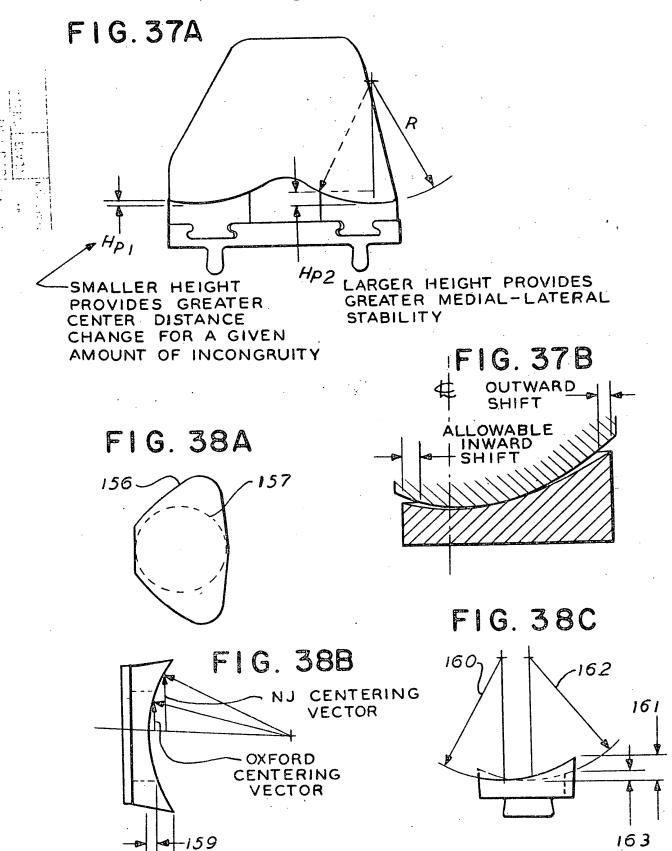
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116

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## FIG. 39A

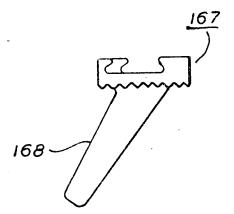
## FIG. 39B

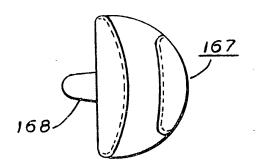
PROSTHESIS TENDS TO LIFT ON MEDIAL BORDER AND TENDS TO LIFT ANTERIOR ASPECT OF PROSTHESIS-FIN SPREAD THE BONE FIN PROVIDES POOR TENSION PROVIDES LITTLE TENSION RESISTANCE RESISTANCE 165 164 TENSILE STRESS L 166 <sup>(</sup>166 HIGH COMPRES-SION POTENTIAL STRESS **FRACTURE** 

STRESS CONCENTRATION AT BOTTOM OF SLOT COUPLED WITH SPREADING EFFECT OF FIN BLADE

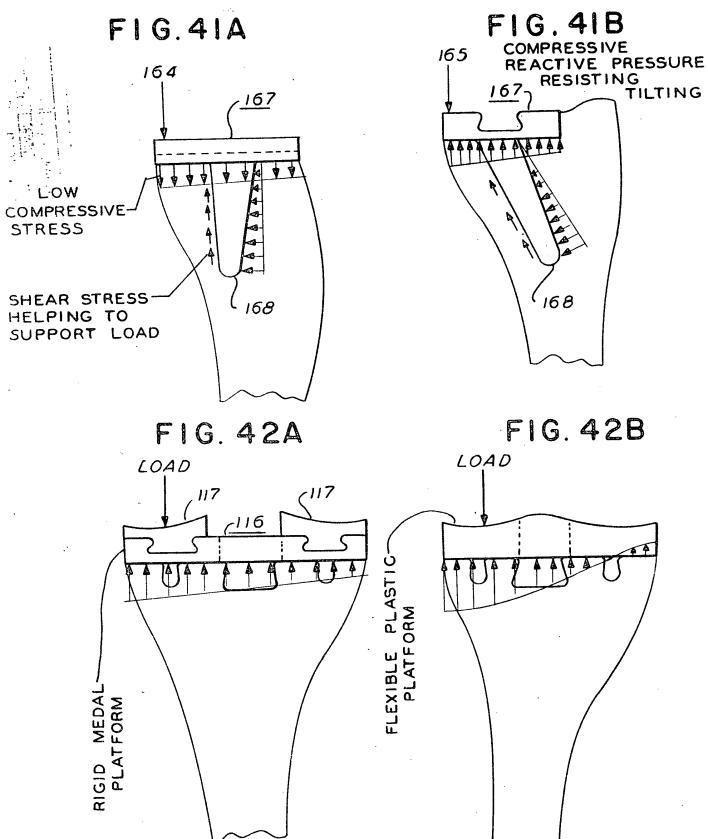
FIG. 40A

FIG. 40B





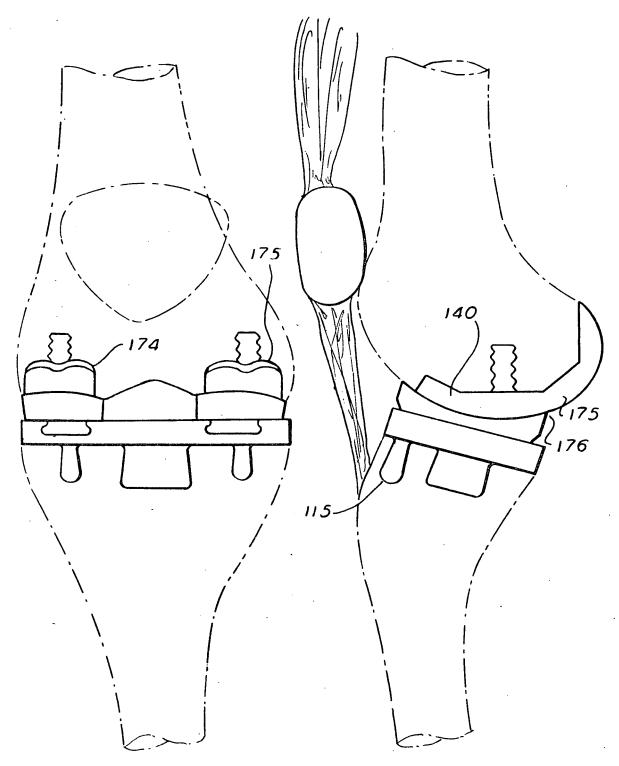
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SHEET 18 OF 21

FIG. 45

FIG. 46



F. Change Co.

SHEET 19 OF 21

FIG.47B

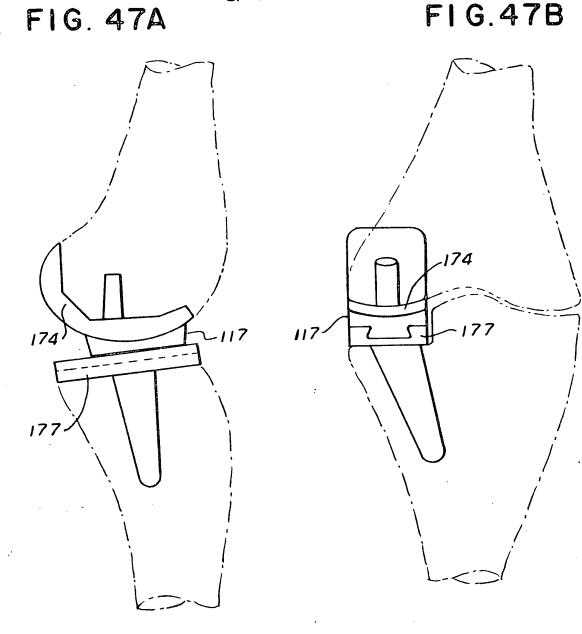


FIG. 43

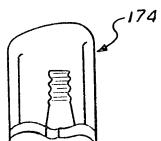
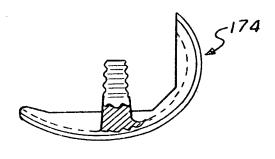
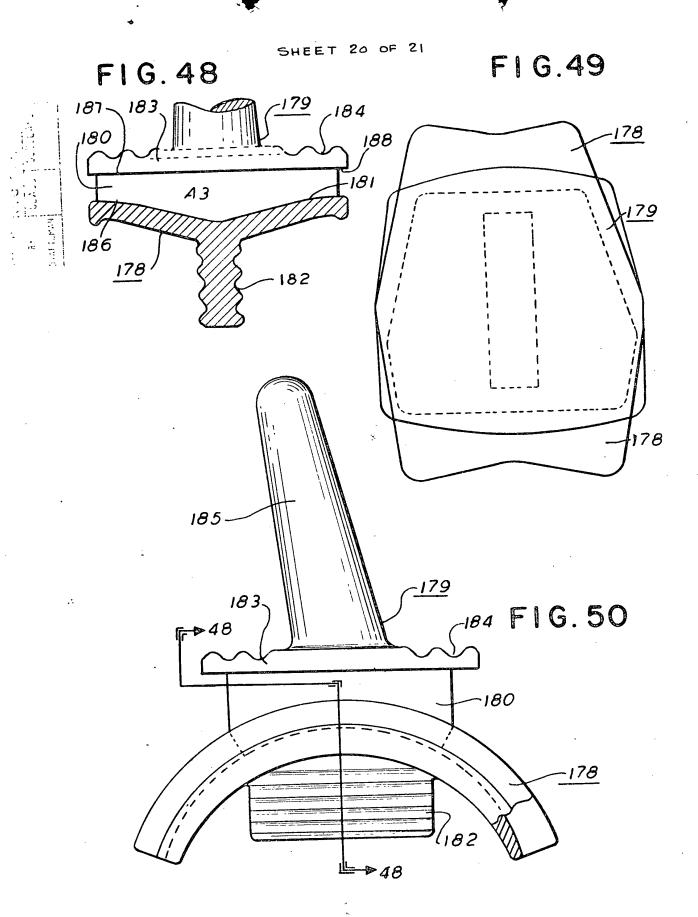


FIG. 44





SHEET 21 OF 21

